Rec'd PCT/PTO 15 DEC 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property **Organization** International Bureau



(43) International Publication Date 31 December 2003 (31.12.2003)

PCT

(10) International Publication Number WO 2004/000032 A2

(51) International Patent Classification7: 3/14, A23L 1/27, 1/277

A23J 1/14,

(74) Agent: STEWART, Michael, I.; Sim & McBurney, 6th Floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(21) International Application Number:

PCT/CA2003/000934

(22) International Filing Date: 20 June 2003 (20.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/389,957 20 June 2002 (20.06.2002) US

60/423,985 6 November 2002 (06.11.2002) US

(71) Applicant (for all designated States except US): BURCON NUTRASCIENCE (MB) CORP. [CA/CA]: 1388 Waller Avenue, Winnipeg, Manitoba R3T 1P9 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GREEN, Brent, E. [CA/CA]; 586 Rathgar Avenue, Winnipeg, Manitoba R3L 1G4 (CA). XU, Lei [CA/CA]; Apt. 116-981 Gulf Place, Ottawa, Ontario K1K 3X9 (CA). MILANOVA, Radka [CA/CA]; 605-1749 Robson Street, Vancouver, British Columbia V6G 1E1 (CA). SEGALL, Kevin, I. [CA/CA]; 805 Ash Street, Winnipeg, Manitoba R3N 0R7 (CA).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COLOUR REDUCTION IN CANOLA PROTEIN ISOLATE

(57) Abstract: In the recovery of canola protein isolates from canola oil seeds steps are taken to inhibit the formation of colouring components and to reduce the presence of materials tending to form colouring components, to obtain a lighter and less yellow canola protein isolate.